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ABSTRACT

The early estimates system from which the data for this report is gathered allows the National Center for Education Statistics (NCES) to publish selected key statistics during the school year in which they are reported. This publication contains the key statistics for the 1998-99 school year. They include the numbers of students in membership, teachers, and high school graduates for public elementary and secondary schools, and total revenues and expenditures for the operation of public elementary and secondary schools. The public school estimates consist of preliminary actual counts for the individual states, estimates derived by the states for NCES, and estimated values developed by NCES. These estimates indicate that there were approximately 46.3 million students in the U.S.'s public elementary and secondary schools in fall 1998, who were taught by an estimated 2.8 million teachers. An estimated 2.4 million students graduated from public high schools in 1997-98, with 2.5 million expected to graduate in the 1998-99 school year. A technical notes section discusses the methods by which estimates were made and their accuracy. (Contains seven tables.) (SLD)

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Early Estimates

April 1999

Early Estimates of Public Elementary and Secondary Education Statistics: School Year 1998–99

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Early Estimates April 1999

Early Estimates of Public Elementary and Secondary Education Statistics: School Year 1998–99

Lena M. McDowell
Elementary/Secondary Cooperative
System and Institutional Studies Program

U.S. Department of Education
Office of Educational Research and Improvement NCES 1999–347

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ERRATA

Early Estimates of Public Elementary and Secondary Education Statistics: School Year 1998-99 NCES 1999-347

On Table 2, under column heading **"Estimated 1998-99"** the number shown for Wisconsin and for America Samoa were changed to match the number shown on Table 7. Also, on Table 2 the footnote used for Guam is incorrect. The footnote has been changed to match Table 7 footnote.

Table 2.--Number of teachers in public elementary and secondary schools, by state, for Grades prekindergarten through 12: School year 1994-95 to 1998-99

Column heading:

State	Estimated 1998-99
Wisconsin	57,837 a/
America Samoa	787 a/
Guam	1,383 a/

a/ Data imputed by NCES based on previous year's data.

U.S. Department of Education
Office of Educational Research and Improvement **NCES 1999-347e**

Highlights

The estimates in this publication are key statistics reported during the 1998–99 school year. They include the number of students in membership, teachers, and high school graduates for public elementary and secondary schools, and total revenues and expenditures for the operation of public elementary and secondary schools. The public school estimates consist of three kinds of data: preliminary actual counts for individual states; estimates derived by the states for the National Center for Education Statistics (NCES); and estimated values developed by NCES using a combination of state-specific and national data.

- There were approximately 46.3 million students in the nation's public elementary and secondary schools in fall 1998 compared with 46.1 million in fall 1997. Student membership has increased by 2.2 million since fall 1994 (table 1).

- Public school students were taught by an estimated 2.8 million teachers this school year, 1998–99 (table 2).

- The student membership and teacher count data yield pupil-to-teacher ratios for grade levels prekindergarten through 12 of 16.6 for public schools in school year 1998–99 (table 7).

- An estimated 2.4 million public school students graduated from high school in the 1997–98 school year. An additional 2.5 million students are expected to graduate from high school in the 1998–99 school year (table 3).

- Revenues for public elementary and secondary education in fiscal year 1998 are estimated to be $321.1 billion (table 4), and they are expected to rise to approximately $342.1 billion in fiscal year 1999. The per-pupil expenditure for public education is anticipated to be $6,407 per student in membership for the 1998–99 school year (table 7).

The Early Estimates System

The early estimates system is designed to allow NCES to publish selected key statistics during the school year in which they are reported. The information is collected through contact with public school state education agencies.

The source of universe statistical information about public elementary and secondary education is the Common Core of Data (CCD)—data collected annually by NCES from state education agencies. For most CCD surveys, these data are reported to NCES from March through September, after which they undergo NCES and state editing, and are adjusted for missing data. High school graduate and fiscal data are reported a year later than student and teacher data. In contrast, the estimates included in this report were reported in December of the school year to which they apply.

Forty-five states and four of the outlying areas participated in the 1998–99 public school early estimates survey. The estimates reported here were provided by state education agencies and represent the best information on public elementary and secondary schools available to states at this stage of the school year. They are, however, subject to revision. All estimates for the five nonreporting states, the District of Columbia (DC), and one outlying area were calculated by NCES. (New Jersey, Ohio, Virginia, and Puerto Rico did not return the survey. Arizona, DC, and Missouri survey forms were received after the cut-off date.) NCES also estimated missing data items among a number of reporting states.

The tables in this publication include three kinds of data for the different years. "Reported" data are previously published figures. "Preliminary data" have not been published previously by NCES; for these, data collection is complete, and processing and data adjustments are through all but the final stage of review. "Estimated" data are those for the current (1998–99) school year.

Estimates are generally provided by the reporting states. In most instances, the data are in fact estimates. However, in some cases states reported actual counts; and in others, the states reported no number and NCES produced the adjusted estimates.

Table 1.--Membership in public elementary and secondary schools, by state, for grades prekindergarten through 12: Fall 1994 to fall 1998

State	Reported fall 1994	Reported fall 1995	Reported fall 1996	Preliminary fall 1997	Estimated fall 1998
United States	44,111,482 b/	44,840,481 b/	45,592,213 b/	46,127,186 b/	46,349,803 a/
Alabama	736,531 b/	746,149 b/	748,156 b/	749,187 b/	758,816
Alaska	127,057	127,618	129,919	132,123	134,374
Arizona	737,424	743,566	799,250	814,113	829,252 a/
Arkansas	447,565	453,257	457,349	456,497	455,647 a/
California	5,407,475 b/	5,536,406 b/	5,687,901 b/	5,803,734 b/	5,828,938
Colorado	640,521	656,279	673,438	687,167	699,135 c/
Connecticut	506,824	517,935	527,129	535,164	544,690
Delaware	106,813	108,461	110,549	111,960	113,167
District of Columbia	80,450	79,802	78,648	77,111	71,889 c/
Florida	2,111,188	2,176,222	2,242,212	2,294,077	2,335,124 c/
Georgia	1,270,948	1,311,126	1,346,761	1,375,980	1,401,291
Hawaii	183,795	187,180	187,653	189,887	187,395 c/
Idaho	240,448	243,097	245,252	244,403	245,100
Illinois	1,916,172	1,943,623	1,973,040	1,998,289	2,022,108
Indiana	969,022	977,263	983,415	987,483	989,134
Iowa	500,440	502,343	502,941	501,054	502,571
Kansas	460,838	463,008	466,293	468,687	469,850
Kentucky	657,642	659,821	656,089	669,322	646,092
Louisiana	797,933	797,366	793,296	776,813	753,722
Maine	212,601	213,569	213,593	212,526	219,741 c/
Maryland	790,938	805,544	818,583	830,744	837,250
Massachusetts	893,727	915,007	933,898	949,006	964,358 a/
Michigan	1,614,784	1,641,456	1,684,386	1,702,672 b/	1,692,700
Minnesota	821,693	835,166	847,204	853,621	857,900
Mississippi	505,962	506,272	503,967	504,792	502,382
Missouri	878,541	889,881	900,042	910,654	921,391 a/
Montana	164,341	165,547	164,627	162,335	161,023
Nebraska	287,100	289,744	291,967	292,681	291,010
Nevada	250,747	265,041	282,131	296,621	311,063 c/
New Hampshire	189,319	194,171	198,308	201,629	194,512 c/
New Jersey	1,174,206	1,197,381	1,208,179 a/	1,250,276	1,293,840 a/
New Mexico	327,248	329,640	332,632	331,673	328,753 c/
New York	2,766,208	2,813,230	2,843,131	2,861,823	2,852,000
North Carolina	1,156,767	1,183,090	1,210,108	1,236,083	1,245,608 c/
North Dakota	119,288	119,100	120,123	118,572	113,929 c/
Ohio	1,814,290	1,836,015	1,844,389	1,847,035	1,849,685 a/
Oklahoma	609,718	616,393	620,695	623,673	626,674
Oregon	521,945	527,914	537,854	541,346	543,176 c/
Pennsylvania	1,764,946	1,787,533	1,804,256	1,815,151	1,818,090
Rhode Island	147,487	149,799	151,324	153,321	154,485
South Carolina	648,725 b/	645,586 b/	653,011 b/	659,256 b/	644,150
South Dakota	143,482	144,685	143,331	142,443	141,561 a/
Tennessee	881,425 b/	893,770 b/	905,089 b/	893,020 b/	908,885
Texas	3,677,171	3,748,167	3,828,975	3,891,877	3,900,488
Utah	474,675	477,121	481,812	482,957	477,061
Vermont	104,533	105,565	106,341	105,984	105,442
Virginia	1,060,809	1,079,854	1,096,093	1,110,815	1,125,735 a/
Washington	938,314	956,572	974,504	991,235	999,628 c/
West Virginia	310,511	307,112	304,052	301,419	296,332
Wisconsin	860,581	870,175	879,259	881,780	888,245
Wyoming	100,314	99,859	99,058	97,115	94,411 c/
Outlying Areas					
American Samoa	14,445	14,576	14,766	15,214	15,666 c/
Guam	32,185	32,960	33,393	32,444	32,821 c/
Northern Marianas	8,429	8,809	9,041	9,246	9,498 c/
Puerto Rico	621,121	627,620	618,861	617,322	615,787 a/
Virgin Islands	23,126	22,737	22,385	22,136	21,983

a/ Data imputed by NCES based on previous year's data.
b/ Data include an imputation for prekindergarten students (by NCES), based on current year data.
c/ Actual count reported by state.
NOTE: All fall 1998 data are state estimates, except where noted. Estimates are as of December 1998. School year 1996-97 data are imputed for New Jersey.
SOURCE: U.S. Department of Education, NCES, Common Core of Data.

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Table 2.--Number of teachers in public elementary and secondary schools, by state, for grades prekindergarten through 12: School years 1994-95 to 1998-99

State	Reported 1994-95	Reported 1995-96	Reported 1996-97	Preliminary 1997-98	Estimated 1998-99
United States	2,551,875 b/	2,598,220 b/	2,666,034 b/	2,744,466 b/	2,780,074 a/
Alabama	42,791 b/	44,056	45,040 b/	45,973 b/	46,196
Alaska	7,205	7,379	7,418	7,625	7,858
Arizona	38,132	38,017	40,521	41,129	42,032 a/
Arkansas	26,181	26,449	26,680 b/	26,932 b/	26,971 a/
California	225,016 b/	230,849 b/	248,857 b/	268,581 b/	270,639 a/
Colorado	34,894	35,388	36,398	37,840	38,975
Connecticut	35,316	36,070	36,551	37,658	40,754
Delaware	6,416	6,463	6,642	6,850	6,701
District of Columbia	6,110	5,305	5,288	4,399 b/	4,115 a/
Florida	110,674	114,938	120,471	124,473	128,791 c/
Georgia	77,914	79,480	79,091	85,005	87,555
Hawaii	10,240	10,500	10,576	10,653	10,550
Idaho	12,582	12,784	13,078	13,207	14,100
Illinois	110,830	113,538	116,274	118,734	122,775
Indiana	55,496	55,821	56,708	57,371	57,927
Iowa	31,726	32,318	32,593	32,717	33,686
Kansas	30,579	30,729	30,875	31,527	31,493
Kentucky	38,784	39,120	39,331	40,488	40,381
Louisiana	47,599	46,980	47,334	48,599	48,928
Maine	15,404	15,392	15,551	15,700	16,877
Maryland	46,565	47,819	47,943	48,318	49,490
Massachusetts	60,489	62,710	64,574	67,170	68,482 a/
Michigan	80,522	83,179	88,051	90,529	90,200
Minnesota	46,958	46,971	48,245	51,998	52,700
Mississippi	28,866	28,997	29,293	29,441	29,840
Missouri	56,606	57,951	59,436	60,869	61,790 a/
Montana	10,079	10,076	10,268	10,228	10,200
Nebraska	19,774	20,028	20,174	20,139	20,237 b/
Nevada	13,414	13,878	14,805	16,053	16,835
New Hampshire	12,109	12,346	12,692	12,931	12,469
New Jersey	85,258	86,706	88,903 a/	89,671	93,102 a/
New Mexico	19,025	19,398	19,971	19,647	19,786
New York	182,273	181,559	185,104	190,874	201,000
North Carolina	71,592	73,201	75,239	77,785	77,486
North Dakota	7,796	7,501	7,892	8,070	7,840 c/
Ohio	109,085	107,347	108,602	110,757	111,283 a/
Oklahoma	39,406	39,364	39,491	40,188	40,943
Oregon	26,208	26,680	26,757	26,935	27,289 c/
Pennsylvania	102,988	104,921	106,432	108,014	108,350
Rhode Island	10,066	10,482	10,656	10,598	10,704
South Carolina	39,437	39,922	41,463	42,336	42,120
South Dakota	9,985	9,641	9,625	9,282	9,275
Tennessee	47,406	53,403	54,790	54,142	53,119
Texas	234,213	240,371	247,650	254,557	254,811
Utah	19,524	20,039	19,734	21,115	21,000
Vermont	7,566	7,676	7,751	7,909	8,069
Virginia	72,505 b/	74,731 b/	74,523 b/	75,524 b/	76,791 a/
Washington	46,439	46,907	48,307	49,074	49,316
West Virginia	21,024	21,073	20,888	20,947	20,856
Wisconsin	54,054	55,033	54,769	57,227	50,757
Wyoming	6,754	6,734	6,729	6,677	6,630
Outlying Areas					
American Samoa	698	728	734	762	887 c/
Guam	1,826	1,802	1,552	1,363	1,383 c/
Northern Marianas	406	422	441	483	496 c/
Puerto Rico	39,933	39,328	39,743	38,953	38,985 a/
Virgin Islands	1,528	1,622	1,580	1,559	1,556

a/ Data imputed by NCES based on previous year's data.
b/ Data include an imputation by NCES for prekindergarten teachers based on current year data, except in the District of Columbia, where total teacher count for SY 1997-98 was imputed.
c/ Actual count reported by state.
Note: All SY 1998-99 data are state estimates, except where noted. Estimates are as of December 1998. School year 1996-97 data are imputed for New Jersey.
SOURCE: U.S. Department of Education, NCES, Common Core of Data.

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Table 3.--Number of public high school graduates, by state: School years 1994-95 to 1998-99

State	Reported 1994-95	Reported 1995-96	Preliminary 1996-97	Estimated 1997-98	Estimated 1998-99
United States	2,273,541	2,281,317 a/	2,341,468	2,430,664 a/	2,500,312 a/
Alabama	36,268	35,043	35,611	38,018 b/	35,820
Alaska	5,765	5,945	6,133	6,416	6,450
Arizona	30,989	30,008	34,082	35,620 a/	36,556 a/
Arkansas	24,636	25,094	25,146	25,753 a/	25,898 a/
California	255,200	259,071	269,071	269,071	297,533
Colorado	32,409	32,608	34,231	35,794 b/	37,390
Connecticut	26,445	26,319	27,009	29,889	33,382
Delaware	5,234	5,609	5,623	6,107 b/	6,701
District of Columbia	2,974	2,696	2,853	2,777 b/	2,608 a/
Florida	89,827	89,242	92,430	95,514 b/	100,806
Georgia	56,660	56,271	57,284	63,717	65,343
Hawaii	9,407	9,387	8,895	9,235 a/	9,989
Idaho	14,198	14,667	15,380	15,512 b/	15,600
Illinois	105,164	110,486	110,170	114,885	116,145
Indiana	56,058	56,368	57,477	59,268	58,837
Iowa	31,268	31,689	32,735	33,712	34,718
Kansas	26,125	25,786	26,648	28,214	28,996
Kentucky	37,626	36,641	36,941	38,696	38,077
Louisiana	36,480	36,467	36,495	38,030	37,178 a/
Maine	11,501	11,795	11,827	12,610 b/	12,700
Maryland	41,387	41,785	42,856	45,033 b/	46,750
Massachusetts	47,679	47,993	49,008	51,098 a/	52,316 a/
Michigan	84,628	85,530	87,457	92,000	95,500
Minnesota	49,354	50,481	48,193	54,721 b/	56,950
Mississippi	23,837	23,032	23,388	24,477	22,828
Missouri	48,862	48,870	50,354	52,275 a/	53,289 a/
Montana	10,134	10,139	10,322	10,609	10,859
Nebraska	17,969	18,014	18,601	19,672	19,707 a/
Nevada	10,038	10,374	11,299	11,975 b/	11,373
New Hampshire	10,145	10,094	9,581	9,736	9,775
New Jersey	67,403	67,516 a/	70,028	74,355 a/	77,526 a/
New Mexico	14,928	15,402	15,700	16,529 b/	16,921
New York	132,401	135,569	137,176	139,500	140,900
North Carolina	59,540	57,014	57,886	59,049 b/	60,586
North Dakota	7,817	8,027	8,025	8,585 b/	8,242
Ohio	109,418	103,435	105,424	108,325 a/	109,297 a/
Oklahoma	33,319	33,060	35,948	33,577	33,577
Oregon	26,713	26,570	27,720	27,820 b/	27,529
Pennsylvania	104,146	105,981	108,817	112,260	113,230
Rhode Island	7,826	7,689	7,840	8,075	7,161
South Carolina	30,680	30,313	30,829	33,500	34,100
South Dakota	8,355	8,532	9,126	9,484	9,496
Tennessee	43,556	43,792	39,866	43,533 b/	47,540
Texas	170,322	171,844	181,794	186,212	191,942
Utah	27,670	26,293	29,007	31,416 b/	32,000
Vermont	5,871	5,870	6,096	6,096 b/	6,334
Virginia	58,260	58,166	60,587	63,000 a/	64,327 a/
Washington	49,294	49,862	51,484	54,568	55,492
West Virginia	20,131	20,335	19,502	20,127 b/	19,742
Wisconsin	51,735	52,651	55,189	57,878	57,982
Wyoming	5,889	5,892	6,324	6,341 b/	6,314
Outlying Areas					
American Samoa	695	719	710	674 b/	745
Guam	987	987	1,103	1,165 b/	1,196
Northern Marianas	319	325	309	374 b/	336 a/
Puerto Rico	29,747	29,499	26,692	30,390 a/	30,542 a/
Virgin Islands	995	713	937	1,069 b/	951 a/

a/ Data imputed by NCES based on previous year's data.
b/ Actual count reported by state.
NOTE: All SY 1997-98 and 1998-99 data are state estimates, except where noted. Estimates are as of December 1998. School year 1995-96 data are imputed for New Jersey.
SOURCE: U.S. Department of Education, NCES, Common Core of Data.

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Table 4.--Revenues for public elementary and secondary education, by state, for grades prekindergarten through 12: Fiscal years 1995 to 1999 (School years 1994-95 to 1998-99)

(In thousands of dollars)

State	Reported FY'95	Reported FY'96	Preliminary FY'97	Estimated FY'98	Estimated FY'99
United States	$273,149,449 b/	$287,702,846 b/	$305,045,833 a/	$321,088,672 a/	$342,122,322 a/
Alabama	3,541,876	3,771,940	3,955,039	4,118,889 a/	4,440,327 a/
Alaska	1,207,000	1,183,127	1,219,017	1,255,588	1,293,255
Arizona	3,783,285	4,151,421	4,400,591	4,661,699 a/	5,053,997 a/
Arkansas	2,175,109	2,204,845	2,371,834	2,462,099 a/	2,615,679 a/
California	28,891,301	30,858,564	34,477,895	36,891,347	41,133,852
Colorado	3,679,162	3,804,992	4,045,015	4,287,716	4,557,893
Connecticut	4,431,603 b/	4,786,247 b/	4,899,851 b/	5,101,000	5,568,000
Delaware	745,036	822,226	878,326	983,075	978,302
District of Columbia	701,300	675,409	711,504	725,500 a/	719,900 a/
Florida	12,805,853	13,214,948	13,861,434	14,749,274 a/	15,979,428 a/
Georgia	6,965,472	7,627,823	8,129,250	8,637,802 a/	10,056,281
Hawaii	1,177,915	1,201,888	1,215,924	1,234,163	1,252,676
Idaho	1,088,596	1,179,927	1,245,135	1,421,900	1,547,300
Illinois	12,016,320	12,290,140	13,161,954	13,556,813	13,963,518
Indiana	6,362,528	6,191,534	7,638,406	7,976,763 a/	8,504,345 a/
Iowa	2,881,176	3,033,687	3,167,763	3,310,313	3,449,346
Kansas	2,883,345	2,948,036	3,040,600	3,131,818	3,225,772
Kentucky	3,240,926	3,492,890	3,794,129	4,047,188	4,181,790
Louisiana	3,837,863 b/	3,934,998 b/	4,154,494 b/	4,442,982	4,618,036
Maine	1,400,439	1,451,987	1,499,504	1,551,986	1,614,066
Maryland	5,559,604	5,695,850	6,042,059	6,065,605	6,600,598
Massachusetts	6,549,468	6,772,855	7,229,486	7,433,136	7,825,606
Michigan	11,925,311	12,698,697	13,437,615	13,664,711	13,895,645
Minnesota	5,606,567	5,939,765	6,109,916	6,397,456	6,718,852
Mississippi	2,099,795	2,225,798	2,259,053	2,344,478 b/	2,461,702
Missouri	4,891,384	5,263,003	5,571,655	5,862,813 a/	6,313,720 a/
Montana	915,392	941,538	991,653	1,041,000	1,051,000
Nebraska	1,797,785	1,876,494	1,954,789	2,017,343	2,109,535
Nevada	1,370,529	1,554,888	1,705,232	1,836,068	1,968,173
New Hampshire	1,149,673	1,217,104	1,282,509	1,407,523	1,472,322
New Jersey	11,485,382	11,882,657	12,376,750	13,320,251 a/	14,671,538 a/
New Mexico	1,695,358	1,783,804	1,829,725	1,903,795 b/	2,067,234
New York	24,889,904	25,849,431	26,564,743	27,627,333	28,732,426
North Carolina	5,940,519	6,154,971	6,515,608	6,581,368	6,976,250
North Dakota	592,329	618,322	642,984	620,268 b/	634,337 a/
Ohio	11,024,539	11,794,089	12,587,117	13,109,316 a/	13,973,052 a/
Oklahoma	2,767,709	2,856,688	3,251,302	3,251,302 b/	3,252,928
Oregon	3,294,014	3,366,831	3,472,609	3,504,000	3,602,000
Pennsylvania	13,271,164	14,047,905	14,441,126	15,100,000	15,900,000
Rhode Island	1,091,960	1,138,171	1,193,754	1,177,483	1,244,599
South Carolina	3,450,203	3,697,232	3,889,383	4,103,299	4,234,605
South Dakota	691,685	717,005	747,324	792,065	831,957
Tennessee	3,908,306	4,142,148	4,411,971	4,527,242 a/	4,904,222 a/
Texas	19,678,883	21,689,792	22,372,808	25,293,846	26,897,359
Utah	1,940,247	2,066,218	2,198,285	2,228,208	2,261,631
Vermont	753,905	773,448	812,166	832,272	881,307 a/
Virginia	6,456,381 b/	6,826,448 b/	7,204,511 b/	7,593,290 a/	8,190,548 a/
Washington	5,976,441	6,327,993	6,642,158	6,961,604 b/	7,254,975
West Virginia	1,940,425	1,990,094	2,082,049	2,258,080	2,330,339
Wisconsin	5,985,761	6,304,318	6,701,115	6,983,016	7,360,099
Wyoming	632,720	662,660	656,713	702,585 b/	750,000
Outlying Areas					
American Samoa	45,151	45,987	47,430	51,550	54,287
Guam	171,866	171,464	168,835	166,000	178,737 a/
Northern Marianas	44,122	44,418	56,010	58,300 b/	63,743 a/
Puerto Rico	1,641,580	1,821,858	1,832,790	1,901,352 a/	2,018,690 a/
Virgin Islands	142,961	142,016	141,786	142,620 b/	142,620

a/ Data imputed by NCES based on previous year's data.
b/ Data include imputations by NCES, for a few specific local revenues, based on current year data.
NOTE: All FY'98 and FY'99 data are state estimates, except where noted. Estimates are as of December 1998. Detail may not sum to total due to rounding.
SOURCE: U.S. Department of Education, NCES, Common Core of Data.

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Table 5.--Current expenditures for public elementary and secondary education, by state, for grades prekindergarten through 12: Fiscal years 1995 to 1999 (School years 1994-95 to 1998-99)

(In thousands of dollars)

State	Reported FY'95	Reported FY'96	Preliminary FY'97	Estimated FY'98	Estimated FY'99
United States	$243,877,582 b/	$255,079,738 b/	$270,100,789 b/	$284,506,269 a/	$296,975,536 a/
Alabama	3,026,287	3,240,364	3,436,406	3,581,323 a/	3,631,808 a/
Alaska	1,020,675	1,045,022	1,069,379	1,101,461	1,156,534
Arizona	3,144,540	3,327,969	3,527,473	3,739,441 a/	3,813,659 a/
Arkansas	1,873,595	1,994,748	2,074,113	2,095,350	2,094,015 a/
California	25,949,033	27,334,639	29,909,168	32,002,810	34,132,515
Colorado	3,232,976	3,360,529	3,577,211	3,792,596	4,031,530
Connecticut	4,247,328 b/	4,366,123 b/	4,522,717 b/	4,704,000	5,135,000
Delaware	694,473	726,241	788,715	831,322 a/	841,316 a/
District of Columbia	666,938 b/	679,106 b/	632,952 b/	645,863 a/	602,864 a/
Florida	11,019,735	11,480,359	12,018,676	12,797,613 a/	13,042,596 a/
Georgia	6,136,689	6,629,646	7,230,405	7,688,210 a/	7,839,251 a/
Hawaii	1,028,729	1,040,682	1,057,069	1,028,160	1,043,583
Idaho	951,350	1,019,594	1,090,597	1,131,095 a/	1,135,714 a/
Illinois	10,640,279	10,727,091	11,720,249	12,353,792 a/	14,310,325
Indiana	5,243,761	5,493,653	6,055,055	6,148,000	6,517,000
Iowa	2,622,510	2,753,425	2,885,943	3,015,810	3,142,474
Kansas	2,406,580	2,488,077	2,568,525	2,645,581	2,724,948
Kentucky	2,988,892	3,171,495	3,382,062	3,707,439	3,790,115
Louisiana	3,475,926 b/	3,545,832 b/	3,747,507 b/	4,157,705	4,294,943
Maine	1,281,706	1,313,759	1,351,500	1,405,560	1,461,782
Maryland	5,083,380	5,311,207	5,529,309	5,548,105	5,837,401
Massachusetts	6,062,303	6,435,458	6,846,610	7,252,687	7,794,463
Michigan	10,440,206	11,137,877	11,686,124	11,883,619	12,084,452
Minnesota	4,622,930	4,844,879	5,087,353	5,664,354	5,948,704
Mississippi	1,921,480	2,000,321	2,035,675	2,166,255 c/	2,274,568
Missouri	4,275,217	4,531,192	4,775,931	5,029,094 a/	5,094,640 a/
Montana	844,257	868,892	902,252	936,537	945,000
Nebraska	1,594,928	1,648,104	1,707,455	1,762,094	1,842,621
Nevada	1,186,132	1,296,629	1,434,395	1,548,132	1,670,584
New Hampshire	1,053,966	1,114,540	1,173,958	1,309,171	1,370,542
New Jersey	10,776,982	11,208,558	11,771,941	12,678,379 a/	13,136,251 a/
New Mexico	1,441,078	1,517,517	1,557,376	1,645,424 c/	1,871,386
New York	22,989,629	23,522,461	24,237,291	25,206,782	26,215,053
North Carolina	5,440,426	5,582,994	5,964,939	6,535,801	6,862,591
North Dakota	534,632	557,043	577,498	604,535 c/	627,097
Ohio	10,030,956	10,408,022	10,948,074	11,410,413 a/	11,440,817 a/
Oklahoma	2,763,721	2,804,088	2,990,044	2,990,044 c/	3,237,898
Oregon	2,948,539	3,056,801	3,184,100	3,359,000	3,453,000
Pennsylvania	11,587,027	12,374,073	12,820,704	13,400,000	14,000,000
Rhode Island	1,050,969	1,094,185	1,151,888	1,171,605	1,236,044
South Carolina	2,920,230	3,085,495	3,245,853 a/	3,477,977	3,589,272
South Dakota	612,825	610,640	627,109	689,688	698,793
Tennessee	3,540,682	3,728,486	4,145,380	4,256,722 a/	4,337,666 a/
Texas	17,572,269	18,801,462	20,167,238	21,333,594 a/	21,407,057 a/
Utah	1,618,047	1,719,782	1,822,725	1,753,968	1,780,227
Vermont	665,559	684,864	718,092	707,083	704,331 a/
Virginia	5,750,318 b/	5,969,608 b/	6,343,766 b/	6,690,869 a/	6,789,065 a/
Washington	5,138,928 b/	5,367,559 b/	5,587,817 b/	6,170,489	6,349,230
West Virginia	1,758,557	1,806,004	1,847,560	1,865,466	2,067,886
Wisconsin	5,422,264	5,670,826	5,975,122	6,281,352	6,896,925
Wyoming	577,144	581,817	591,488	603,901 c/	670,000
Outlying Areas					
American Samoa	28,643	30,382	33,780	38,367	39,555 a/
Guam	161,434	158,303	156,561	161,493	165,000
Northern Marianas	45,008	44,037	53,140	55,033 c/	56,603 a/
Puerto Rico	1,501,485	1,734,033	1,796,077	1,864,596 a/	1,862,243 a/
Virgin Islands	122,094	122,286	122,188	122,188 c/	122,188

a/ Data imputed by NCES based on previous year's data.
b/ Data include imputations by NCES for food services and/or enterprise operations.
c/ Actual amount reported by state.
NOTE: All FY'98 and FY'99 data are state estimates, except where noted. Estimates are as of December 1998. Detail may not sum to total due to rounding.
SOURCE: U.S. Department of Education, NCES, Common Core of Data.

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Table 6.--Preliminary student membership and number of teachers, and estimates of revenues, expenditures, and pupil/teacher ratio, for public elementary and secondary schools, by state, for grades prekindergarten through 12: School year 1997-98/Fiscal year 1998

State	Preliminary		Estimated				
	Membership	Number of teachers	Revenues (in thousands)	Current expenditures (in thousands)	Pupil/ teacher ratio	Per pupil revenue	Per pupil expenditure
United States	46,127,186	2,744,466	$321,088,672	$284,506,270 a/	16.8	$6,961	$6,168
Alabama	749,187 b/	45,973 b/	4,118,889 a/	3,581,323 a/	16.3	$5,498	$4,780
Alaska	132,123	7,625	1,255,588	1,101,461	17.3	$9,503	$8,337
Arizona	814,113	41,129	4,661,699 a/	3,739,441 a/	19.8	$5,726	$4,593
Arkansas	456,497	26,932 b/	2,462,099 a/	2,095,350	16.9	$5,393	$4,590
California	5,803,734 b/	268,581 b/	36,891,347	32,002,810	21.6	$6,356	$5,514
Colorado	687,167	37,840	4,287,716	3,792,596	18.2	$6,240	$5,519
Connecticut	535,164	37,658	5,101,000	4,704,000	14.2	$9,532	$8,790
Delaware	111,960	6,850	983,075	831,322 a/	16.3	$8,781	$7,425
District of Columbia	77,111	4,399 b/	725,500 a/	645,863 a/	17.5	$9,409	$8,376
Florida	2,294,077	124,473	14,749,274 a/	12,797,613 a/	18.4	$6,429	$5,579
Georgia	1,375,980	85,005	8,637,802 a/	7,688,210 a/	16.2	$6,278	$5,587
Hawaii	189,887	10,653	1,234,163	1,028,160	17.8	$6,499	$5,415
Idaho	244,403	13,207	1,421,900	1,131,095 a/	18.5	$5,818	$4,628
Illinois	1,998,289	118,734	13,556,813	12,353,792 a/	16.8	$6,784	$6,182
Indiana	987,483	57,371	7,976,763 a/	6,148,000	17.2	$8,078	$6,226
Iowa	501,054	32,717	3,310,313	3,015,810	15.3	$6,607	$6,019
Kansas	468,687	31,527	3,131,818	2,645,581	14.9	$6,682	$5,645
Kentucky	669,322	40,488	4,047,188	3,707,439	16.5	$6,047	$5,539
Louisiana	776,813	48,599	4,442,982	4,157,705	16.0	$5,720	$5,352
Maine	212,526	15,700	1,551,986	1,405,560	13.5	$7,303	$6,614
Maryland	830,744	48,318	6,065,605	5,548,105	17.2	$7,301	$6,678
Massachusetts	949,006	67,170	7,433,136	7,252,687	14.1	$7,833	$7,642
Michigan	1,702,672 b/	90,529	13,664,711	11,883,619	18.8	$8,025	$6,979
Minnesota	853,621	51,998	6,397,456	5,664,354	16.4	$7,494	$6,636
Mississippi	504,792	29,441	2,344,478 b/	2,166,255 c/	17.1	$4,644	$4,291
Missouri	910,654	60,869	5,862,813 a/	5,029,094 a/	15.0	$6,438	$5,523
Montana	162,335	10,228	1,041,000	936,537	15.9	$6,413	$5,769
Nebraska	292,681	20,139	2,017,343	1,762,094	14.5	$6,893	$6,021
Nevada	296,621	16,053	1,836,068	1,548,132	18.5	$6,190	$5,219
New Hampshire	201,629	12,931	1,407,523	1,309,171	15.6	$6,981	$6,493
New Jersey	1,250,276	89,671	13,320,251 a/	12,678,379 a/	13.9	$10,654	$10,140
New Mexico	331,673	19,647	1,903,795 b/	1,645,424 c/	16.9	$5,740	$4,961
New York	2,861,823	190,874	27,627,333	25,206,782	15.0	$9,654	$8,808
North Carolina	1,236,083	77,785	6,581,368	6,535,801	15.9	$5,324	$5,288
North Dakota	118,572	8,070	620,268 b/	604,535 c/	14.7	$5,231	$5,098
Ohio	1,847,035	110,757	13,109,316 a/	11,410,413 a/	16.7	$7,097	$6,178
Oklahoma	623,673	40,188	3,251,302 b/	2,990,044 c/	15.5	$5,213	$4,794
Oregon	541,346	26,935	3,504,000	3,359,000	20.1	$6,473	$6,205
Pennsylvania	1,815,151	108,014	15,100,000	13,400,000	16.8	$8,319	$7,382
Rhode Island	153,321	10,598	1,177,483	1,171,605	14.5	$7,680	$7,642
South Carolina	659,256 b/	42,336	4,103,299	3,477,977	15.6	$6,224	$5,276
South Dakota	142,443	9,282	792,065	689,688	15.3	$5,561	$4,842
Tennessee	893,020 b/	54,142	4,527,242 a/	4,256,722 a/	16.5	$5,070	$4,767
Texas	3,891,877	254,557	25,293,846	21,333,594 a/	15.3	$6,499	$5,482
Utah	482,957	21,115	2,228,208	1,753,968	22.9	$4,614	$3,632
Vermont	105,984	7,909	832,272	707,083	13.4	$7,853	$6,672
Virginia	1,110,815	75,524 b/	7,593,290 a/	6,690,869 a/	14.7	$6,836	$6,023
Washington	991,235	49,074	6,961,604 b/	6,170,489	20.2	$7,023	$6,225
West Virginia	301,419	20,947	2,258,080	1,865,466	14.4	$7,491	$6,189
Wisconsin	881,780	57,227	6,983,016	6,281,352	15.4	$7,919	$7,123
Wyoming	97,115	6,677	702,585 b/	603,901 c/	14.5	$7,235	$6,218
Outlying Areas							
American Samoa	15,214	762	51,550	38,367	20.0	$3,388	$2,522
Guam	32,444	1,363	166,000	161,493	23.8	$5,117	$4,978
Northern Marianas	9,246	483	58,300 b/	55,033 c/	19.1	$6,305	$5,952
Puerto Rico	617,322	38,953	1,901,352 a/	1,864,596 a/	15.8	$3,080	$3,020
Virgin Islands	22,136	1,559	142,620 b/	122,188 c/	14.2	$6,443	$5,520

a/ Data imputed by NCES based on previous year's data.
b/ Data imputed by NCES based on current year data.
c/ Actual amount reported by state.
NOTE: Data for membership and teachers are preliminary. Other data are state estimates, except where noted. Detail may not sum to total due to rounding. Estimates are as of December 1998.
SOURCE: U.S. Department of Education, NCES, Common Core of Data.

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Table 7.--Estimated membership, number of teachers, revenues, expenditures, and pupil/teacher ratio, for public elementary and secondary schools, by state, for grades prekindergarten through 12: School year 1998-99/ Fiscal year 1999

State	Membership	Number of teachers	Revenues (in thousands)	Current expenditures (in thousands)	Pupil/ teacher ratio	Per pupil revenue	Per pupil expenditure
United States	46,349,803 a/	2,787,154 a/	$342,122,322 a/	$296,975,536	16.6	$7,381	$6,407
Alabama	758,816	46,196	4,440,327 a/	3,631,808 a/	16.4	$5,852	$4,786
Alaska	134,374	7,858	1,293,255	1,156,534	17.1	$9,624	$8,607
Arizona	829,252 a/	42,032 a/	5,053,997 a/	3,813,659 a/	19.7	$6,095	$4,599
Arkansas	455,647 a/	26,971 a/	2,615,679 a/	2,094,015 a/	16.9	$5,741	$4,596
California	5,828,938	270,639 a/	41,133,852	34,132,515	21.5	$7,057	$5,856
Colorado	699,135 b/	38,975	4,557,893	4,031,530	17.9	$6,519	$5,766
Connecticut	544,690	40,754	5,568,000	5,135,000	13.4	$10,222	$9,427
Delaware	113,167	6,701	978,302	841,316 a/	16.9	$8,645	$7,434
District of Columbia	71,889 b/	4,115 a/	719,900 a/	602,864 a/	17.5	$10,014	$8,386
Florida	2,335,124 b/	128,791 b/	15,979,428 a/	13,042,596 a/	18.1	$6,843	$5,585
Georgia	1,401,291	87,555	10,056,281	7,839,251 a/	16.0	$7,176	$5,594
Hawaii	187,395 b/	10,550	1,252,676	1,043,583	17.8	$6,685	$5,569
Idaho	245,100	14,100	1,547,300	1,135,714 a/	17.4	$6,313	$4,634
Illinois	2,022,108	122,775	13,963,518	14,310,325	16.5	$6,905	$7,077
Indiana	989,134	57,927	8,504,345 a/	6,517,000	17.1	$8,598	$6,589
Iowa	502,571	33,686	3,449,346	3,142,474	14.9	$6,863	$6,253
Kansas	469,850	31,493	3,225,772	2,724,948	14.9	$6,866	$5,800
Kentucky	646,092	40,381	4,181,790	3,790,115	16.0	$6,472	$5,866
Louisiana	753,722	48,928	4,618,036	4,294,943	15.4	$6,127	$5,698
Maine	219,741 b/	16,877	1,614,066	1,461,782	13.0	$7,345	$6,652
Maryland	837,250	49,490	6,600,598	5,837,401	16.9	$7,884	$6,972
Massachusetts	964,358 a/	68,482 a/	7,825,606	7,794,463	14.1	$8,115	$8,083
Michigan	1,692,700	90,200	13,895,645	12,084,452	18.8	$8,209	$7,139
Minnesota	857,900	52,700	6,718,852	5,948,704	16.3	$7,832	$6,934
Mississippi	502,382	29,840	2,461,702	2,274,568	16.8	$4,900	$4,528
Missouri	921,391 a/	61,790 a/	6,313,720 a/	5,094,640 a/	14.9	$6,852	$5,529
Montana	161,023	10,200	1,051,000	945,000	15.8	$6,527	$5,869
Nebraska	291,010	20,237 b/	2,109,535	1,842,621	14.4	$7,249	$6,332
Nevada	311,063 b/	16,835	1,968,173	1,670,584	18.5	$6,327	$5,371
New Hampshire	194,512 b/	12,469	1,472,322	1,370,542	15.6	$7,569	$7,046
New Jersey	1,293,840 a/	93,102 a/	14,671,538 a/	13,136,251 a/	13.9	$11,340	$10,153
New Mexico	328,753 b/	19,786	2,067,234	1,871,386	16.6	$6,288	$5,692
New York	2,852,000	201,000	28,732,426	26,215,053	14.2	$10,074	$9,192
North Carolina	1,245,608 b/	77,486	6,976,250	6,862,591	16.1	$5,601	$5,509
North Dakota	113,929 b/	7,840 b/	634,337 a/	627,097	14.5	$5,568	$5,504
Ohio	1,849,685 a/	111,283 a/	13,973,052 a/	11,440,817 a/	16.6	$7,554	$6,185
Oklahoma	626,674	40,943	3,252,928	3,237,898	15.3	$5,191	$5,167
Oregon	543,176 b/	27,289 b/	3,602,000	3,453,000	19.9	$6,631	$6,357
Pennsylvania	1,818,090	108,350	15,900,000	14,000,000	16.8	$8,745	$7,700
Rhode Island	154,485	10,704	1,244,599	1,236,044	14.4	$8,056	$8,001
South Carolina	644,150	42,120	4,234,605	3,589,272	15.3	$6,574	$5,572
South Dakota	141,561 a/	9,275	831,957	698,793	15.3	$5,877	$4,936
Tennessee	908,885	53,119	4,904,222 a/	4,337,666 a/	17.1	$5,396	$4,773
Texas	3,900,488	254,811	26,897,359	21,407,057 a/	15.3	$6,896	$5,488
Utah	477,061	21,000	2,261,631	1,780,227	22.7	$4,741	$3,732
Vermont	105,442	8,069	881,307 a/	704,331 a/	13.1	$8,358	$6,680
Virginia	1,125,735 a/	76,791 a/	8,190,548 a/	6,789,065 a/	14.7	$7,276	$6,031
Washington	999,628 b/	49,316	7,254,975	6,349,230	20.3	$7,258	$6,352
West Virginia	296,332	20,856	2,330,339	2,067,886	14.2	$7,864	$6,978
Wisconsin	888,245	57,837 a/	7,360,099	6,896,925	15.4	$8,286	$7,765
Wyoming	94,411 b/	6,630	750,000	670,000	14.2	$7,944	$7,097
Outlying Areas							
American Samoa	15,666 b/	787 a/	54,287	39,555 a/	19.9	$3,465	$2,525
Guam	32,821 b/	1,383 a/	178,737 a/	165,000	23.7	$5,446	$5,027
Northern Marianas	9,498 b/	496 b/	63,743 a/	56,603 a/	19.1	$6,711	$5,959
Puerto Rico	615,787 a/	38,985 a/	2,018,690 a/	1,862,243 a/	15.8	$3,278	$3,024
Virgin Islands	21,983	1,556	142,620	122,188	14.1	$6,488	$5,558

a/ Data imputed by NCES based on previous year's data.
b / Actual count/amount reported by state.
NOTE: All data are state estimates, except where noted. Estimates are as of December 1998. Detail may not sum to total due to rounding.
SOURCE: U.S. Department of Education, NCES, Common Core of Data.

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Technical Notes

Public School Early Estimates Methodology

In early October 1998 survey forms were sent out to each state education agency. States were asked to complete the form and return it by mail or facsimile (fax) form. Those states that had not responded by mid-November were contacted by telephone. All data were checked for reasonableness against prior years' reports, and follow-up calls were made to resolve any questions. When states did not supply a data item, NCES estimated a value. These values are footnoted. If one or more states required an estimated number, then the national total for that item is marked as estimated. Any early estimate that indicated a change of greater than 10 percentage points more or less than the national growth rate was replaced with an adjusted early estimate.

Nonfiscal data for 1997–98 are shown as "preliminary" in this report because NCES has not yet released the final file.

Missing values for student membership were estimated by multiplying a state's membership data from the 1997–98 school year by the rate of growth experienced by that state in student membership from 1996–97 to 1997–98. Similar procedures were followed for student membership data for the 1998–99 school year.

Missing values for other data elements were estimated by state. Using data from the previous year, the ratio of the missing quantity to the student membership was calculated. Then, using data from those states reporting data for the specific items in the current year, the ratio of the specific item to student membership is used to compute the growth rate from the previous year to the current year. Finally, the average percent change was applied to the product of the previous year ratio and the current year membership to yield an adjusted early estimate for each state with missing data. For example, the procedure for estimating the number of teachers in the 1998–99 school year involved: (1) calculating the teacher-to-student ratio in the given state in 1997–98; (2) calculating the total growth rate in teacher-to-student ratios for reporting states from 1997–98 to 1998–99; and (3) multiplying the state's teacher-to-student ratio for 1997–98 by the state student membership in 1998–99, and then multiplying this product by the growth rate to yield an adjusted early estimate for the state. Equivalent procedures were used for estimating numbers of high school graduates, revenues, and current expenditures.

Accuracy of Estimates

Past years' data provide an indication of the differences between early estimates and final data. The early estimate of public school membership for fall 1997 was 45,953,018, which amounts to an increase of 0.8 percent over the final fall 1996 value. The actual increase, based on the preliminary count of public school membership for fall 1997, is 1.2 percent. Last year's early estimate indicated that there were 2,709,872 public school teachers for 1997–98, implying an increase of 1.6 percent over the final 1996 value. The preliminary count of public school teachers for 1997–98 is 2.9 percent higher than the 1996–97 final value.

For the number of public high school graduates, last year's early estimate for 1996–97 was 2,359,572 which amounts to an increase of 3.4 percent over the final 1995–96 count of public high school graduates. A comparison of the preliminary final 1996–97 count to the final 1995–96 count shows an increase of 2.6 percent. Revenues were estimated to increase 3.7 percent from fiscal year 96 to fiscal year 97, and the increase based on preliminary fiscal year 97 data is 6.0 percent. The estimated increase in expenditures for the same year was 5.7 percent, while the actual increase was 5.9 percent.

Looking at last year's estimates for each state and comparing them with final data, we see that all states' estimates of student membership for school year 1997–98 were within 6.0 percent of the preliminary count. One state and two outlying areas estimates for teachers were in error by more than -21.17 percent of the reported count. In three states estimated revenues increased by 10 percent or more between fiscal year 97 and fiscal year 98. There were increases of the same magnitude in expenditure estimates for five states and one outlying area. No change was greater than 14.2 percent.

Definitions

Membership is the unduplicated count of students on the roll of the school or local education agency on the school day closest to October 1. Unless otherwise specified, membership includes all students in prekindergarten through grade 12 and ungraded classes.

Teachers are professional staff who provide instruction to students and maintain daily student attendance figures for a group or class at any of the levels from prekindergarten through grade 12 and ungraded classes. Teacher numbers are reported in full-time equivalents (FTE), which are computed by dividing the amount of time employed in instruction by the time normally required of a full-time position.

Pupil-to-teacher ratio is the number of students divided by the number of teachers. The pupil-to-teacher ratio for public schools reported here represents an average across all levels. There is,

however, variability across school districts, prekindergarten, elementary, and secondary grade levels, and across programs such as special education and gifted and talented.

Graduates are defined as students receiving a regular high school diploma during the school year, including summer graduates. Early estimates are provided for the recent graduates from the 1997–98 school year, with projections for the 1998–99 school year.

Revenues are defined as additions to assets which do not incur an obligation that must be met at some future date, do not represent exchanges of fixed assets, and are available for expenditure by the local education agencies in the state. Revenues include funds from local, intermediate, state, and federal sources.

Current expenditures are funds spent for operating local public schools and include such items as salaries for school personnel, student transportation, school books and materials, and energy costs, but exclude capital outlay and interest on school debt.

Per-pupil expenditure (or ***per-pupil revenue***) is the total current expenditure (or revenue) for public elementary and secondary education in a state divided by the student membership. The numbers reported here, based on membership, can be expected to be smaller than per-pupil expenditures (and per-pupil revenues) based on average daily attendance, because the membership counts are generally larger than average daily attendance. As with pupil-to-teacher ratio, the average reported here does not reflect variations across school districts, grade levels or programs.

For More Information

For information about the Public School Early Estimates System or the Common Core of Data, contact Lena McDowell, Office of Educational Research and Improvement, National Center for Education Statistics, 555 New Jersey Avenue NW, Washington, DC 20208–5651, 202–219–1628, e-mail: *lena_mcdowell@ed.gov*, or contact Frank Johnson, 202–219–1618, e-mail: *frank_johnson@ed.gov*.

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